

PART I - THE SCHEDULE

SECTION B - SUPPLIES/SERVICES AND PRICE/COSTS

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B.1 SCOPE OF CONTRACT

B.2 CONTRACT LINE ITEM DESCRIPTION LIST

B.1 SCOPE OF CONTRACT

The Contractor shall furnish, as required, the hardware, software, and support services in accordance with Section C, STATEMENT OF NEED, and in conformance with the terms and conditions of this contract. This is a firm-fixed price contract.

B.2 CONTRACT LINE ITEM DESCRIPTION LIST

<u>CLIN</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
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CLINs 0001, 0002, and 0003, inclusive are applicable to the Base Contract Period. The Base Contract Period commences on October 1, 2006 and concludes on September 30, 2009, unless extended an additional year by exercise of optional CLIN 0003A. If CLIN 0003A is exercised, the Base Contract Period shall continue for a period of four (4) years from October 1, 2006.

LOT I

0001	High Performance Computing System(s) in accordance with Section C, Statement of Need, from date of system(s) acceptance through September 30, 2007	12	MO		
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LOT I, OPTION I

0002	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period October 1, 2007 Through September 30, 2008	12	MO		
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<u>CLIN</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
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LOT I, OPTION II

0003	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period October 1, 2008 through September 30, 2009	12	MO		
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LOT I, OPTION III

0003A	Option to extend the High Performance Computing System(s) in accordance with Section C.9.2, Statement of Need, for a period of one year from expiration of CLIN 0003. This option may be exercised if LOT II, Option Contract Period is not exercised.	12	MO		
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(CLINs 0004 through 0007 inclusive apply to the Option Contract Period. The Government may exercise this option for the option contract period at any time prior to the expiration of LOT I, OPTION II, CLIN 0003. The Option Contract Period commences on the effective date cited in the modification exercising the option and concludes at the end of the fourth year from acceptance of all system(s) initially delivered under the option unless extended an additional year by exercise of optional CLIN 0007A. If CLIN 0007A is exercised, the Option Contract Period shall continue for a period of five (5) years from acceptance of the initially delivered system.

<u>CLIN</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
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LOT II, OPTION I

0004	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period of one year from expiration of CLIN 0003	12	MO		
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LOT II, OPTION II

0005	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period of one year from Expiration of CLIN 0004	12	MO		
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LOT II, OPTION III

0006	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period of one year from Expiration of CLIN 0005	12	MO
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LOT II, OPTION IV

0007	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period of one year from Expiration of CLIN 0006	12	MO
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LOT II, OPTION V

0007A	Option to extend the High Performance Computing System(s) in accordance with Section C.9.3, Statement of Need, for a period of one year from expiration of CLIN 0007.	12	MO
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LOTS III and IV are Indefinite Quantity CLINsLOT III

CLIN 0010 - Additional R&D HPCS Augmentation in accordance with Section C.9.4 of the Statement of Need. This option may be exercised at any time during the life of the contract (i.e., if this option is exercised during the Base Contract Period, it shall remain in effect for the entire Base Contract Period. This option may be exercised in whole or in part. Multiple delivery orders may be issued during the contract life. Should this option be exercised, the minimum amount of this option is \$100,000 and the maximum amount is \$200,000,000. Offerors are required to provide separate pricing for each individual workstream for each contract year.

<u>CLIN</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>
0010A	WS1 - Coupled Earth System Model	
0010B	WS2 - Coupled High Resolution Global Model	
0010C	WS3 - Very High Resolution Ocean Model	
0010D	WS4 - Environmental Modeling Test Bed	
0010E	WS5 - Climate Model Development and Calibration	
0010F	WS6 - Data Assimilation Development	
0010G	WS7 - Rapid Update Cycle	

- 0010H WS8 – Weather Research and Forecast
w/Atmospheric chemistry
- 0010J WS9 - Weather Research and Forecast
w/static initialization

In addition to the workstreams identified above, the Government may also acquire the following components and services during the term of the contract. Unless otherwise previously negotiated, the components and service provided under these indefinite quantity subCLINs are to be identical to the system configuration(s) installed and operational at the time delivery orders are issued. The following is a listing of the components and services. If multiple system configurations and architectures are installed and operational, separate pricing shall be provided for each of the following components and services. The actual items and quantities to be ordered will be determined by the Government. The Government may elect to acquire some, all or none of the components and services. Multiple quantities of an item may be ordered.

For each Subsystem proposed:

<u>CLIN</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>UNIT PRICE</u>
0010K	Compute System(s)		
0010K1	Additional nodes		
0010K2	Additional processors		
0010K3	Additional memory		
0010K4	Additional disk or equivalent storage medium		
0010K5	Additional interconnect		
0010L	Storage System(s)		
0010L1	Additional disk		
0010L2	Additional tape		
0010L3	Additional tape drives		
0010L4	Additional library/robot		
0010L5	Additional SAN fabric		
0010L6	Additional SAN switches		
0010L7	Additional IO bandwidth		
0010M	Network		
0010M1	Additional LAN bandwidth		
0010N	Additional software licenses for the proposed software		
0010P	Additional workstations for		
0010P1	Interactive development		
0010P2	Visualization		
0010P3	Analysis & Diagnostics		
0010P4	Delivery of research results		

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0010P5 System diagnostics and integration

0010R Network

0010R1 Additional WAN bandwidth between installed sites

0010S Additional Maintenance on

0010S1 Subsystem

0010S2 Storage

0010S3 Compute

0010S4 Network

LOT IV

CLIN 0011 – Optional engineering support services in accordance with Section C.9.5 of the Statement of Need. This option may be exercised at any time during the life of the contract. This option may be exercised in whole or in part. Multiple task orders may be issued during the contract life and task orders may be issued for a period of less than 12 months. Should this option be exercised, the minimum amount is \$5,000 and the maximum amount is \$5,000,000. Offerors are required to provide hourly rates by labor category for each contract year.

<u>CLIN</u>	<u>DESCRIPTION</u>	Hourly Rate
0011A	Applications Analyst	
0011B	Systems/Network/Security Engineer	
0011C	Facilities Engineer	
0011D	Visualization/Data Engineer	

NOTES TO OFFERORS:

NOTE A - The amounts set forth below represent the maximum amount of funds that could be made available (Note: The annual figures cited have been reduced by the 6% Reserve Fund pool. The Reserve Funds are defined in Section C.1). Offerors are required to submit cost/price proposals for the most optimal computing systems based upon the following funding profile:

Base Contract Period		
FY 2007	-	\$20.28 million
FY 2008	-	\$20.49 million
FY 2009	-	\$20.49 million
Base Contract Total		\$61.26 million
One Year Option Period		
FY2010	-	\$10.25 million
Option Contract Period		
FY 2010	-	\$20.49 million
FY 2011	-	\$20.49 million

	FY 2012	-	\$20.49 million
	FY2013	-	\$20.49 million
Option Contract Total			\$81.96 million
	One Year Option Period		
	FY2014	-	\$10.25 million

NOTE B - Offerors shall include with their price proposal, the interest rate used in calculating lease costs of equipment.

NOTE C – Submit Pricing Tables for various acquisition methods (e.g., LTOP, LWOP, Lease, etc.) proposed. Offerors are required to complete the Pricing Tables for only those methods of acquisition that are being proposed. For example, if an offeror is only proposing a lease method, the offeror is required to complete only a lease Pricing Table.

NOTE D - Offerors shall propose separate pricing for each year.

NOTE E - The Government anticipates leasing the equipment during the systems life (both Base Contract Period and the Option Contract Period) with the exception of the Hierarchical Storage Management System which the Government will purchase during the Base Contract Period and the Option Contract Period, should the option be exercised.

NOTE F - Section L contains the clause INVITATION TO PROPOSE FINANCING TERMS (FAR 52.232-31)(OCT 1995). For evaluation purposes, assume the following:

(1) Evaluation of financing proposals will be based upon October 1, 2006, as the first invoice payment and will continue for thirty-six (36) months. If monthly prices are adjusted because of system upgrade(s), offerors need to specify the month the adjustment occurs and the amount.

(2) In accordance with Federal Acquisition Regulation 32.205(c)(4) the time value of proposal specified contract financing arrangements shall be calculated using an interest rate of **3.9%** as specified in Appendix C to Office of Management and Budget (OMB) Circular No. A-94, "Benefit-Cost Analysis of Federal Programs; Guidelines and Discounts."

NOTE G - In preparing the cost proposal, Offerors should use **October 1, 2006** as the start of the systems life.

NOTE H - Furthermore, in addition to the items identified in Section B of this contract, the Government may, during the term of this contract, require goods and services not otherwise specifically identified, but within the scope of this contract. Should requirements arise, these additional goods and services will be negotiated under the Changes Clause of this contract.

NOTE I - For the purposes of proposing prices for optional workstreams under CLIN0010, assume that this option includes only the purchase of the computational portion of the resources necessary to run one additional instance of each workstream, consisting of the same architecture proposed to run that workstream, to be installed at the site where that workstream is proposed to run, and integrated with the existing system at that site. Should the system proposed to run that workstream change during the Base Contract Period (e.g., system upgrade), provide pricing for each. Include whatever power supplies, connectivity (e.g.; LAN), etc. would be necessary to make the computational resources functional (produce useful work). Do not include the cost of rent, power, cooling, or additional resources to store the results (SAN, tape, etc.), but do include any disk local to the resources (i.e.; scratch disk) that are required to execute the workstream, as well as any maintenance costs.

NOTE J – Deleted

NOTE K - A minimum of 7 years specialized experience is required for individuals proposed for CLIN 0011B, Systems/Network/Security Engineer, CLIN 0011C, Facility Engineer, and CLIN 0011D, Visualization/Data Engineer.